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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/159,503	09/24/1998	B. REILLY BARRY	COS-97-101	5202

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EXAMINER

BACKER, FIRMIN

ART UNIT PAPER NUMBER

3621

DATE MAILED: 10/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)	
	09/159,503	BARRY ET AL.	
	Examiner	Art Unit	
	FIRMIN BACKER	3621	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 11 July 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 97-115 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 97-115 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:  
  
The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
2. Claims 97-115 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
3. Claim 97, 110 and 115 recite the limitation "the result, said customers web browser, the routing, said network traffic" in paragraphs 1, 2 and 5 respectively. There is insufficient antecedent basis for this limitation in the claim.

### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

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5. Claim 97-115 are rejected under 35 U.S.C. 102(e) as being clearly anticipated by Cohn et al (U.S. Patent No. 6,411,684).

6. As per claims 97 and 115 Cohn et al teach an integrated and secure system for conducting business over the public Internet by enabling a customer of an enterprise communications network to command and control the customer's switched communications connections within the network over the public Internet and to view the results of any changes in the customer's connections over the public internet, said system comprising an object oriented protocol for enabling encrypted interactive communications between said system and said customer over the public internet, said protocol invoked within said customers web browser to support encryption, customer identification, authentication and network entitlements; at least one secure web server for managing secure customer sessions over the public Internet, said secure server providing session management for the customer connection, said session management including customer identification, validation, entitlements and encryption; and at least one dispatch server for communicating with said secure web server and a plurality of system resources, said dispatch server providing verification of system access and proxy generation for said system resources after said customer's entitlements have been verified; said plurality of system resources including a network manager which manages the routing of the customer's traffic over the communications network, and a view application to review said network traffic, said network manager and said view application responsive to proxy requests from said dispatch server to enable the customer to command and control switched voice traffic resources and switched data traffic resources

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provided by the enterprise to the customer (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*).

7. As per claim 98, Cohn et al teach an integrated and secure system wherein said switched voice traffic resources include switched toll free voice traffic resources and said network manager includes a toll free network manager application to command and control the routing of switched toll free voice traffic (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*).

8. As per claim 99, Cohn et al teach an integrated and secure system wherein said switched voice traffic resources include switched call center voice traffic resources and said network manager includes a call manager application to command and control the routing of switched voice traffic between call centers (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*).

9. As per claim 100, Cohn et al teach an integrated and secure system wherein said network manager includes an outbound network manager to command and control switched toll traffic (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*).

10. As per claim 101, Cohn et al teach an integrated and secure system wherein said view application includes a reporter for generating reports on switched voice communications in said

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network (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*)..

11. As per claim 102, Cohn et al teach an integrated and secure system wherein said reporter for generating reports on the switched voice communications in said network includes a real time reporter for generating reports on network traffic in near real time (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*)..

12. As per claim 103, Cohn et al teach an integrated and secure system wherein said reporter for generating reports on the switched voice communications in said network includes a real time reporter for generating reports on outbound network traffic in near real time (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*)..

13. As per claim 104, Cohn et al teach an integrated and secure system wherein said reporter for generating reports on the switched voice communications in said network includes a reporter for generating history reports on said switched voice communications occurring during preselected periods of time (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*)..

14. As per claim 105, Cohn et al teach an integrated and secure system wherein said reporter for generating reports on the switched voice communications in said network includes a report manager application for enabling a customer to generate reports for a plurality of switched voice

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communication applications and an in-box manager application for communicating the reports to the customer (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*)..

15. As per claim 106, Cohn et al teach an integrated and secure system wherein said reporter for generating reports on the switched voice communications in said network includes a priced call application for enabling a customer to generate priced reports and invoices for a plurality of switched voice communication applications (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*)..

16. As per claim 107, Cohn et al teach an integrated and secure system wherein said customer's switched communications connections includes switched data traffic connections and said view application includes a broadband view application for generating reports on data relating to switched data traffic (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*)..

17. As per claim 108, Cohn et al teach an integrated and secure system wherein said system includes an in-box application for storing and forwarding reports to the customer on data relating to the customer's switched voice and data traffic (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*)..

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18. As per claim 109, Cohn et al teach an integrated and secure system wherein said system includes an event monitor application for storing and forwarding alarms generated with respect to the customer's traffic over the communications network (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*)..

19. As per claim 110, Cohn et al teach an integrated and secure system for conducting business over the public internet by enabling a customer of an enterprise communications network to modify the customer's switched voice communications connections with the network over the public Internet and to monitor the results in near real time over the public internet, said system comprising an object oriented protocol for enabling encrypted interactive communications between said system and said customer over the public Internet, said protocol invoked within said customer's web browser to support customer identification, authentication and network entitlements, at least one secure web server for managing secure customer sessions over the public internet, said secure server providing session management for the customer connection, said session management including customer identification, validation, entitlements and encryption, at least one dispatch server for communicating with said secure web server and a plurality of system resources, said dispatch server providing verification of system access and proxy generation for said interactive communications after said customer's entitlements have been verified, said plurality of system resources including a toll free network manager which manages the routing of the customer's toll free voice traffic over the communications network, and a real time monitor which provides near real time monitoring of network traffic, said network manager and said real time monitor responsive to proxy requests from said dispatch



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server to enable the customer to manage the communications network resources provided by the enterprise to the customer in near real time (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*)..

20. As per claim 111, Cohn et al teach an integrated and secure system wherein said system further includes a single order entry application as one of said plurality of system resources, wherein said order entry application enables a customer to identify and authenticate a plurality of users with distinct toll free call manager entitlements, and to modify said entitlements from a single point of customer identification and authentication (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*)..

21. As per claim 112, Cohn et al teach an integrated and secure system wherein said system further comprises an B-Billing application which enables electronic business transactions to pay for said services, said order entry and E-Billing applications responsive to proxy requests from said dispatch server to enable the customer to manage and pay for the communications network services provided by the enterprise (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*)..

22. As per claim 113, Cohn et al teach an integrated and secure system wherein said system further includes a client view application for generating historical reports of data relating to calls on said communications network (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*)..

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23. As per claim 114, Cohn et al teach an integrated and secure system wherein said system enables invoice generation and electronic payment for pre-selected calls over the public Internet (*see figs 1, 2, 3, 6, 10, 13, columns 4 lines 13-5 line 35, 18 lines 23-60, 19 line 18-20 line 50*)..

### ***Conclusion***

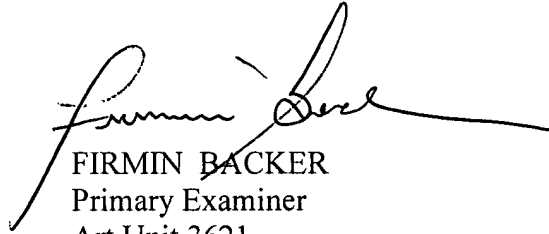
24. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. (*see form 892*).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to FIRMIN BACKER whose telephone number is 571-272-6703. The examiner can normally be reached on Monday - Thursday 9:00 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on (571) 272-6712. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



FIRMIN BACKER  
Primary Examiner  
Art Unit 3621

September 8, 2006